

ABSTRACT OF THE DISCLOSURE

A refrigerator having a temperature-controlled chamber, which stores food to be readily cooked without a thawing process. A cool air inlet port introduces cool air from the freezer compartment into the temperature-controlled chamber. The cool air inlet port is opened or closed by an intake damper. A cooling fan and a temperature sensor are installed in the temperature-controlled chamber. A cool air discharging duct is provided to guide the cool air from the temperature-controlled chamber into the freezer compartment. An inlet of the cool air discharging duct is connected to a portion of the temperature-controlled chamber. A heater is mounted to an outer surface of the outlet of the cool air discharging duct to perform a defrosting operation.